DISTINGUISHED ARCHITECTURAL ENGINEERING and LANDSCAPE DESIGN ACHIEVEMENT AWARDS

1968

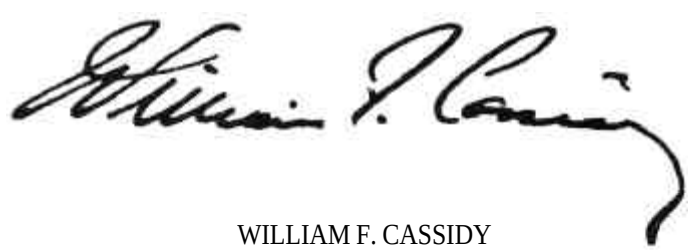
U.S. ARMY
CHIEF OF ENGINEERS

FOREWORD

The Army Chief of Engineers design awards program was initiated in 1965 to recognize and encourage outstanding architectural design of Army facilities. It has been gratifying to watch this program expand over the years to include engineering and landscape design as well. Always the emphasis has been on originality, innovation and over-all improvement.

The steady growth of this program reflects the strong support from participating Engineer Divisions and Districts and the private architectural and engineering firms who provide vital assistance to the Corps of Engineers design effort. Each year the competition has increased and made the job of selecting winning entries that much more difficult.

The quality of this awards program has been enhanced over the years by competent judges. We consider ourselves fortunate again this year to have had some of the Nation's most respected architects, engineers, landscape architects and related professionals as judges. The names and biographies of these distinguished individuals, along with their professional comments, including both praise and criticism, appear elsewhere in this brochure. They have performed an outstanding public service, for which all of us in the Corps of Engineers are grateful.



WILLIAM F. CASSIDY
Lieutenant General, USA
Chief of Engineers

1968

ARCHITECTURAL ACHIEVEMENT AWARDS

ARCHITECTURAL JUDGES

O'NEIL FORD, FAIA
Senior Partner, Ford, Powell and Carson,
San Antonio, Texas

PIETRO BELLUSCHI, FAIA
Pietro Belluschi, Architect
Boston, Massachusetts

ULYSSES FLOYD RIBLE, FAIA
Partner, Allison, Rible, Robinson and Ziegler, Architects
Los Angeles, California

BIOGRAPHIES

O'NEIL FORD

Mr. Ford did his undergraduate study at North Texas State College. He is a Fellow of the American Institute of Architects and has received numerous professional awards. Though he first gained recognition as a designer of houses, much of Mr. Ford's current practice is devoted to planning educational, industrial and other nonresidential buildings. He was selected by his colleagues to the judging panel of A.I.A.'s competition for the design of its own headquarters in Washington, D.C. He was a visiting professor at Harvard University (1959-65) and served in similar capacity at Massachusetts Institute of Technology (1957-62). For six years he has been Preceptor, School of Architecture, Rice University. He served as Judge for the Corps of Engineers Architectural Design Award Competition in 1966.

PIETRO BELLUSCHI

Retired Dean of the School of Architecture and Planning, Massachusetts Institute of Technology. Mr. Belluschi was born in Italy, and was graduated in Civil Engineering from the University of Rome (1922) and Cornell University (1924). Mr. Belluschi was appointed a member of the Commission of Fine Arts by President Truman and has served as advisor to the State Department on the design of U. S. buildings overseas. He is a Fellow of the American Institute of Architects, the American Academy of Arts and Sciences and the Danish Royal Academy of Fine Arts; as well as a Life Member of the National Institute of Arts and Letters and the recipient of many honorary degrees from outstanding colleges and universities.

ULYSSES FLOYD RIBLE

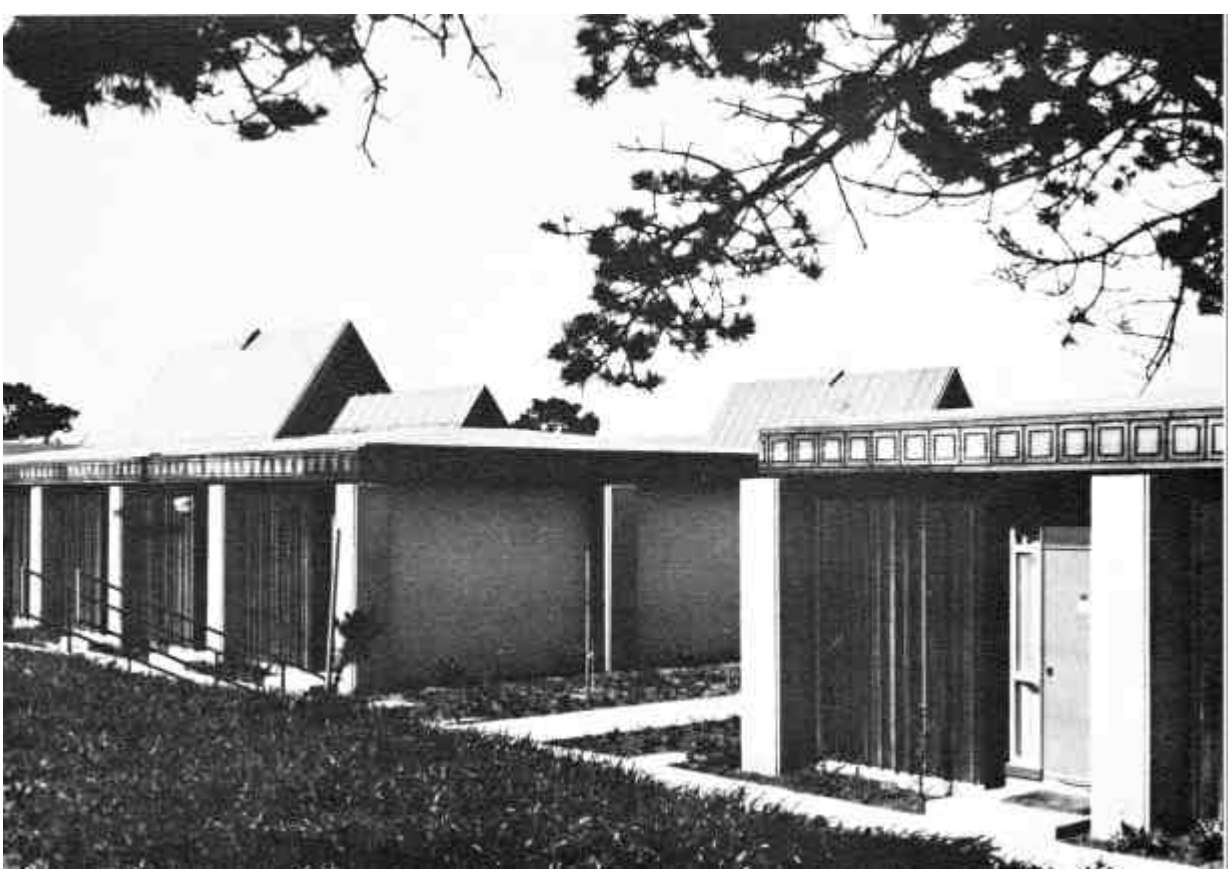
Mr. Rible was graduated from the University of Southern California in 1928 with a Bachelor of Architecture degree and was awarded Graduate Fellowships at the University of Pennsylvania (1928-29), American Academy in Rome (1930) and Beaux Arts Institute of Design (1932). He has traveled extensively throughout the world and authored several articles in professional journals. He is a Fellow of the American Institute of Architects and was a member of its Board of Directors (195760). He served on the California State Board of Architectural Examiners (1952-56).

DISTINGUISHED ARCHITECTURAL ACHIEVEMENT AWARD

FIRST PLACE (CO-WINNER)

ACADEMIC COMPLEX, DEFENSE LANGUAGE INSTITUTE
PRESIDIO OF MONTEREY, CALIFORNIA

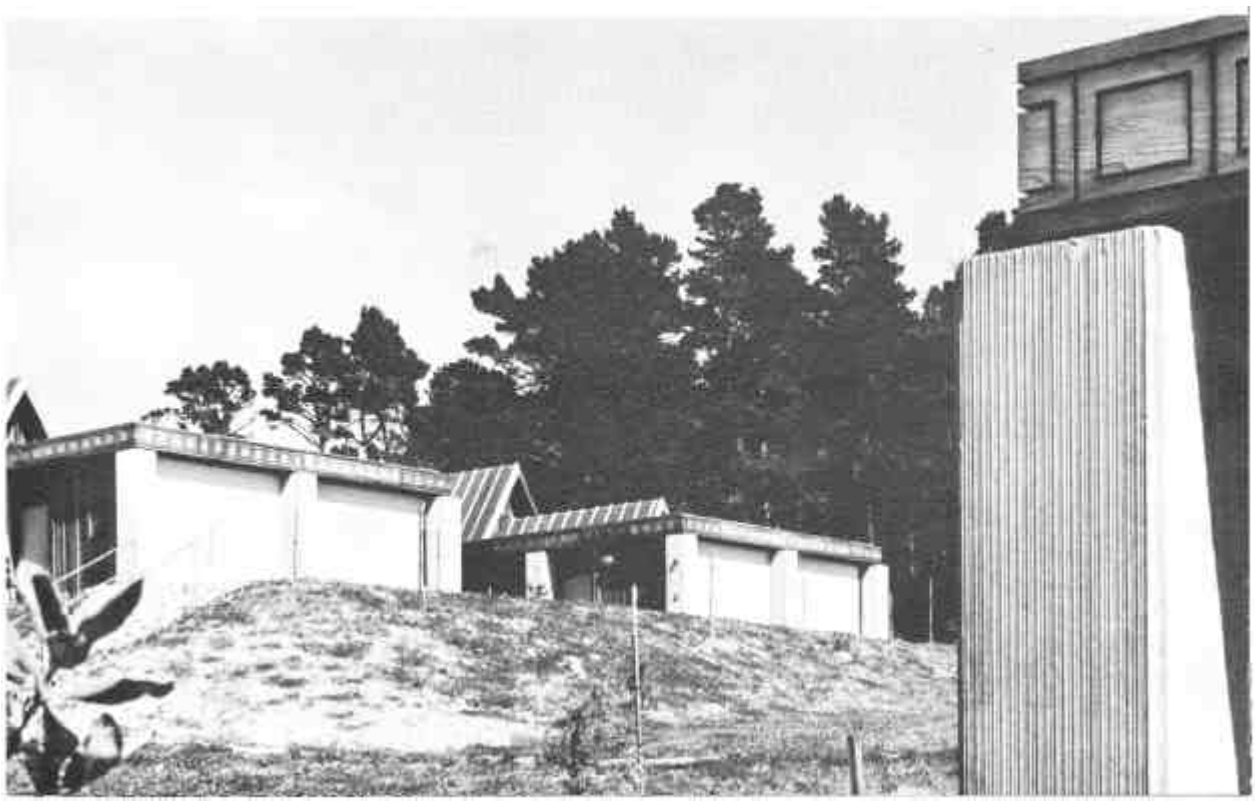
Designed by:	Dean Price, AIA, and Associates, Ltd., San Jose, California
Supervised by:	Sacramento Engineer District
Contractor:	Fullerton Construction Company, Sacramento, California



JUDGES' COMMENTS

"Particular attention was paid to site layout and possibility of logical expansion.Further, the room layouts themselves make sense and keep to human scale. This human scale seems to have been one of the architect's overriding objectives, and this is most welcome and encouraging. Materials are sympathetic with the Monterey area and are used in a very sensible way in this location where earthquakes are possible.

We do, however, deplore the trivial attempt to impose a cosmetic treatment on the simple wood fascia and the sturdy concrete columns. These embellishments contribute nothing and actually damage the evident first intention to work in a fully straight-forward way."



DISTINGUISHED ARCHITECTURAL ACHIEVEMENT AWARD

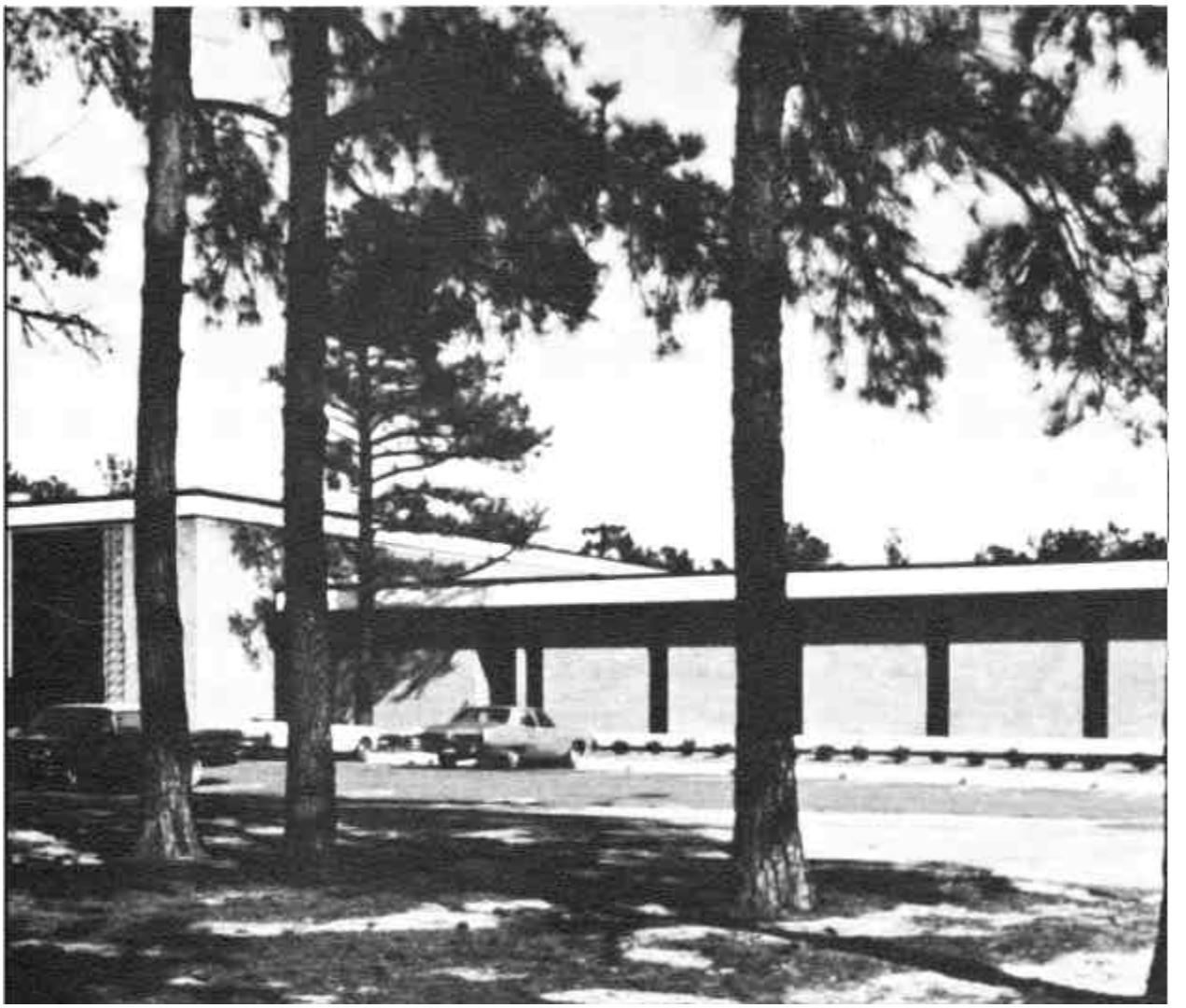
FIRST PLACE (CO-WINNER)

AERO-MEDICAL EVACUATION FACILITY
POPE AFB, NORTH CAROLINA

Designed by:	J. N. Pease and Company, Inc., Charlotte, North Carolina
Supervised by:	Savannah Engineer District
Contractor :	King-Hunter, Inc., Greensboro, North Carolina

JUDGES' COMMENTS

"The chief merit of this design is the quality resulting from the straightforward and logical thinking carried through planning and right through to detailing and relation of shapes. This consistency contributes to a whole design that might be said to be admirable if not memorable. Though the design may verge on dryness, it remains entirely professional."



HONORABLE MENTION
ARCHITECTURAL DESIGN

LOGISTICAL FACILITY DEPOT
McCLELLAN AFB, SACRAMENTO, CALIFORNIA
Designed by:
Dreyfuss and Blackford, of
Sacramento, California
Supervised by: Sacramento Engineer District

CHAPEL ANNEX,
McCHORD AFB
Designed by:
Consulting Architect-Engineers
Robert Billsbrough Price and Associates
Tacoma, Washington
Supervised by: Seattle Engineer District

FAVORABLE MENTION
1250 E.M. BARRACKS
FORT MEYER, VIRGINIA
Designed by:
Hayes, Seay, Mattern and Mattern,
Roanoke, Virginia
Supervised by: Baltimore Engineer District

JUDGES' COMMENTS

"The structural system is a good valid basis for the architectural expression. All parts and members are in good scale relation, and the use of a single material is refreshing. The jury felt the porte-cochere is out of scale and not sympathetic with the otherwise straightforward building. The unnecessarily large and crudely lettered sign above the big entrance canopy almost turned the jury away from this generally acceptable building."

"Despite severe cost limitations, this design presents an architectural solution possessing fine proportion and scale. It is unfortunate that the elements and details of the rear elevation are not well organized. Sufficient attention to this back side would have made a great difference in this otherwise acceptable little building. The eight little holes scattered over the rear facade do great damage to the whole design."

"Given the limitation of the exceptionally restrictive criteria imposed on the architect, the jury feels this design shows effort and a desirable direction."

1968

LANDSCAPE ARCHITECTURAL ACHIEVEMENT AWARDS

Perhaps no other public agency in the United States is currently having more impact on the American landscape than the Corps of Engineers. The dramatic scale of Corps projects is a measure of the opportunities for creating a more useful and pleasant environment. The possibilities are immense. The jury commends the Corps for its developing concern in the conservation of our natural and cultural resources and its efforts to improve the environmental quality of its construction projects in relation to each project area. (Panel of Judges)

LANDSCAPE DESIGN JUDGES

JOHN O. SIMONDS
Partner, Simonds and Simonds, Landscape Architects
Pittsburgh, Pennsylvania

SIDNEY N. SHURCLIFF
Shurcliff & Merrill, Landscape Architects
Boston, Massachusetts

DR. HOWARD B. SPRAGUE
Executive Secretary of the Agricultural Board
National Academy of Sciences
National Research Council
Washington, D. C.

BIOGRAPHIES

JOHN O. SIMONDS

Mr. Simonds was graduated from Michigan State University in 1935 with a Bachelor of Science Degree in Landscape Architecture. He attended the Harvard Graduate School of Design, receiving his Masters Degree in Landscape Architecture in 1939, and an honorary Doctor of Science Degree from MSU in 1968. He has served as visiting critic in Urban and Regional Planning at Cornell, Yale, the University of California and at numerous other universities. He served as Chairman of the Panel on Urban Parks and Open Spaces at the White House Conference on Natural Beauty. He was a founding member of the Interprofessional Commission on Environmental Design. He is Past President and Fellow of the American Society of Landscape Architects and author of the book "Landscape Architecture, the Shaping of Man's Natural Environment."

SIDNEY N. SHURCLIFF

Mr. Shurcliff was graduated from Harvard University in 1927 and attended the Harvard Graduate School of Landscape Architecture. Mr. Shurcliff has served two terms as president of the International Federation of Landscape Architects and in this capacity conducted meetings in England, Holland, Spain, Israel and Washington, D. C. He is secretary of the Commonwealth of Massachusetts Art Commission, President of Hubbard Educational Trust, Inc. and a member of the Standing Committee of the Massachusetts Trustees of Reservations. He served as judge for the Corps of Engineers Conservation of Natural Beauty Award Competition in 1967.

DR. HOWARD B. SPRAGUE

A native of Cortland, Nebraska, Dr. Sprague attended the University of Nebraska, receiving his Bachelor of Science Degree in 1921 and his Master of Science Degree in 1923. He received his Doctorate from Rutgers University in 1926. He was head of the Department of Agronomy at Rutgers and of the State Agricultural Experiment Station from 1927-42 and head of the Agricultural Research Division, Texas Research Foundation from 1946-51. He was president of the American Society of Agronomy in 1964. He directed the Department of Agronomy, Pennsylvania State University from 1953-64 and was named Executive Secretary of the Agricultural Board, National Academy of Sciences, National Research Council in 1964.

LANDSCAPE DESIGN
NATURAL BEAUTY AWARD

FIRST PLACE

CANYON PARK, CANYON DAM AND RESERVOIR, GUADALUPE RIVER, TEXAS

Designed by: Stewart E. King, San Antonio, Texas
Supervised by: Ft. Worth Engineer District
Contractors: Beckman Construction Company, Fort Worth, Texas, and, Jarbet Company, San Antonio, Texas

JUDGES' COMMENTS

"Canyon Park represents the creation of a major public recreational area concurrently with the development of an important new reservoir. The height of the dam, as determined, has achieved a dramatic shoreline for the newly created peninsula.

The roads and parking areas needed to accommodate the large number of visitors have been sited with skill. The better features of the natural topography and environment were preserved.

Design of the recreational structures, such as the group picnic shelter, is commended by the jury. The overall result is an outstanding park centered in a man-made lake.

The merits of the project are clearly presented by the site plan and photographs."

URBAN LANDSCAPE DESIGN AWARD

FIRST PLACE

FAMILY HOUSING, CARLISLE BARRACKS, PENNSYLVANIA

Designed by : McGaughan and Johnson, Washington, D. C.
Supervised by: Baltimore Engineer District
Contractor: Carson Linebaugh, Inc., York, Pennsylvania

JUDGES' COMMENTS

"By sensitive handling of the existing and unique features of the grounds of a former private estate, the designers have incorporated a highly livable residential community. The road system has been so designed as to discourage through traffic, while at the same time providing ready access to each dwelling with a minimum amount of pavement.

Not only have the best of the stately trees been retained, but also the attractive surrounding brooks together with their rustic stone bridge and marginal walls.

The jury notes that this development was accomplished at a time when the rigid regulations regarding house types and setbacks had to be observed, and welcomes the present more flexible regulations which would have permitted an even more charming result."

HONORABLE MENTION
LANDSCAPE DESIGN

NATURAL BEAUTY

1. SENIOR OFFICERS QUARTERS AREA
   FT. JACKSON, SOUTH CAROLINA
   Designed and Supervised by:
   Savannah Engineer District

2. DAM SITE PUBLIC USE AREA,
   BROKEN BOW DAM AND RESERVOIR,
   MOUNTAIN FORK RIVER, OKLAHOMA.
   Designed and Supervised by:
   Tulsa Engineer District

URBAN DESIGN

3. FLOYD RIVER FLOOD CONTROL PROJECT
   SIOUX CITY, IOWA.
   Designed and Supervised by:
   Omaha Engineer District

4. CASS RIVER FLOOD CONTROL PROJECT,
   FRANKENMUTH, MICHIGAN.
   Designed and Supervised by:
   Detroit Engineer District

JUDGES' COMMENTS

1. "Here the planners have carefully preserved an outstanding attractive wooded shoreline, and at the same time have subtly introduced three new senior officers homes well-adapted to the site."

2. "A large wooded tract, isolated in a river bend by the construction of a dam, has been converted into a public park with minimum damage to the outstanding natural landscape."

3. "The solution of a complex flood control problem in a heavily built-up urban area has been accomplished with great technical skill and minimum disruption of public services during the construction period.

The jury compliments the designers on their technical achievement, but believes that the appearance of the new river channel could have been improved by varying the alignment and width, and by the creation of a more imaginative urban landscape."

4. "This relatively small flood control project has been handled most commendably with relation to the treatment of the dikes. Not only were as many trees as possible preserved, but the additional height was achieved without destroying the grassy banks."

1968

ENGINEERING ACHIEVEMENT AWARDS

ENGINEERING JUDGES

DR. CHESTER P. SIESS
Professor, Civil Engineering, University of Illinois
Urbana, Illinois

WALDO G. BOWMAN
Former Publisher of the Engineering News-Record
New York, New York

FRANCIS D. LETHBRIDGE
Partner, Keyes, Lethbridge and Condon
Washington, D. C.

BIOGRAPHIES

DR. CHESTER P. SIESS

Professor of Civil Engineering, University of Illinois, Urbana, Illinois, Dr. Siess was graduated in 1936 from Louisiana State University with a Bachelor of Science Degree and continued with graduate study at the University of Illinois leading to a Doctorate in 1948. He has served extensively on technical committees for the American Concrete Institute, American Society of Civil Engineers, Highway Research Board, American Society of Testing Materials, European Concrete Committee and the Building Research Advisory Board for Tests on New York Worlds Fair structures. He is Chairman of the Reinforced Concrete Research Council.

WALDO G. BOWMAN

A graduate of the University of Kansas, 1923, Mr. Bowman holds a Bachelor of Science Degree in Civil Engineering, as well as professional Civil Engineer Degree. He also attended the Harvard Graduate School of Business Administration. He is the former editor and publisher of the ENGINEERING NEWS-RECORD, former publisher of CONSTRUCTION METHODS & EQUIPMENT magazine and past president of the American Society of Civil Engineers. Mr. Bowman is now associated with Black & Veatch, consulting engineers of Kansas City, in charge of the firm's eastern office in New York City. He served as judge for the Corps of Engineers Engineering Design Award Competition in 1967.

FRANCIS D. LETHBRIDGE

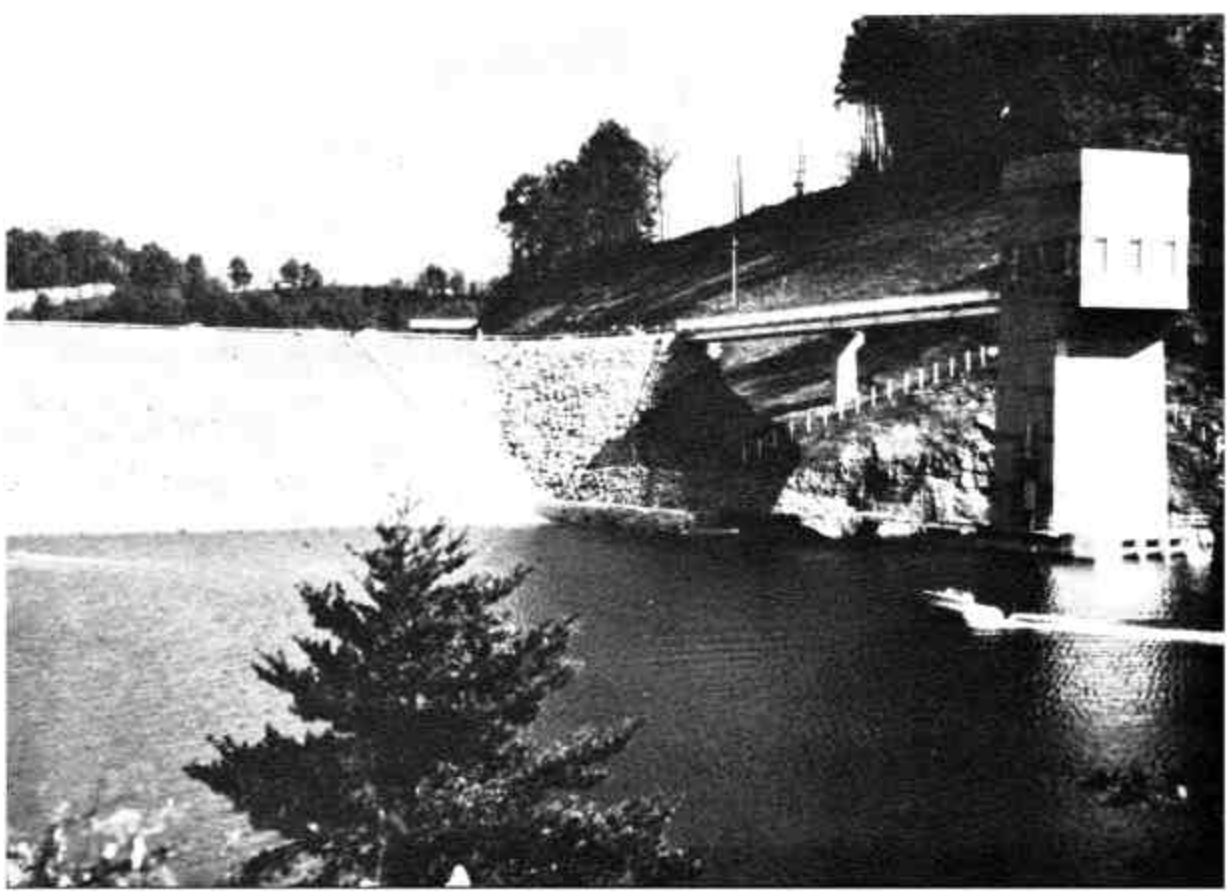
Partner of Keyes, Lethbridge and Condon, Washington, D. C., Mr. Lethbridge was educated at the Stevens Institute of Technology (1937-40), University of Colorado (1940-41) and Yale University School of Architecture (1945-46). He was a Fellow of Residential Architecture 1960-62, Member, Housing Committee 1963. He has been Chairman, Joint Committee on Landmarks of the National Capital Planning Commission and the Commission of Fine Arts.

DISTINGUISHED ENGINEERING ACHIEVEMENT AWARD

FIRST PLACE

NORTH FORK OF POUND(RIVER)DAM
VIRGINIA

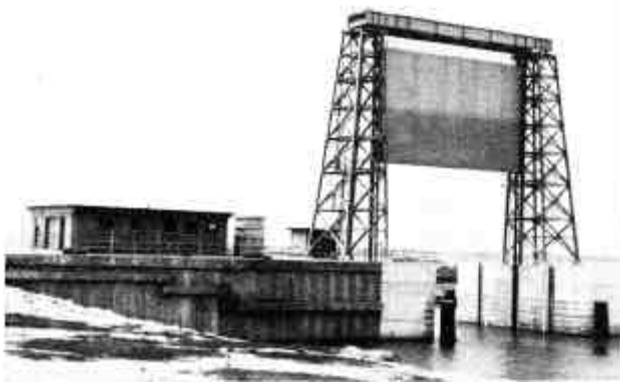
Designed by: Huntington Engineer District
Contractor: Blythe Brothers Company of Charlotte, North Carolina



JUDGES' COMMENTS

"The first place in the Engineering Achievement Competition is awarded to the North Fork of Pound (River) Dam in western Virginia chiefly because of the ingenuity of the structural design of the intake structure. The adaptation of advanced ultimate-strength design concepts, developed originally for reinforced concrete box culverts, to the design of the walls of the dry-well intake structure has led to economy of materials without sacrifice of structural safety. Visually, the strong sculptural form of the intake tower stands in effective contrast to the naturalistic setting of the reservoir and the curved form of the rockfill dam."

HONORABLE MENTION ENGINEERING AWARD



CONTROL STRUCTURE FOR HURRICANE FLOOD GATE TEXAS CITY, TEXAS.
Designed and Supervised by:
Galveston Engineer District

ARMY WAREHOUSE WITH ROOF STORAGE, MACHINATO SERVICE AREA.
Designed and Supervised by: Okinawa Engineer District

JUDGES' COMMENTS

"The Hurricane Flood Gate of vertical-lift type near Texas City, Texas is awarded Honorable Mention because its design satisfied rather difficult criteria in a new and ingenious manner. The economy, estimated to result from less maintenance than would be required for sector or miter gates partially submerged in salt water, is a factor in its favor. The design of the substructure, in which the foundation slab and the piers were treated as a single U-shaped unit, is also commendable. A lack of continuity between the piers and the wing walls is a disturbing shortcoming in architectural treatment. A better choice of materials for the substructure might have improved the appearance and made this an outstanding structure in all respects."

"Honorable Mention is also given to the warehouses with on-roof storage in the Machinato Service Area at Okinawa. This appears to be a logical and economical solution to the need for more storage space in an area where available land was at a premium. This warehouse, in addition to providing a straightforward solution to functional problems, achieves a very satisfactory appearance through consistent and expressive use of a single building material."


ESSAYONS
T. E.
ESSAYONS